

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070919\
 Data File : PL050242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2019 10:07
 Operator : SM\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 7/10/2019 9:51:58 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 00:53:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.323	3.933	269.4E6	68763916	23.884	22.459
28)	SA Decachlor...	7.985	8.965	261.2E6	67534194	20.559	20.117
Target Compounds							
2)	A alpha-BHC	3.750	4.321	210.5E6	43708578	11.205	9.764
3)	MA gamma-BHC...	4.025	4.604	198.9E6	43386029	11.217	10.460
6)	B beta-BHC	4.280	4.779	91400054	20376662	12.495	10.519m
12)	B 4,4'-DDE	5.428	6.259	4517354	919207	0.271m	0.265m
14)	MA Endrin	5.806	6.623	910.9E6	179.5E6	56.879	56.869
16)	A 4,4'-DDD	5.940	6.750	43069588	8456718	3.412	3.235
17)	MA 4,4'-DDT	6.174	7.048	1527.2E6	325.4E6	115.040	111.111
18)	B Endrin al...	6.245	6.958	5532145	901214	0.468m	0.328m#
20)	A Methoxychlor	6.720	7.509	1701.5E6	421.0E6	261.029	252.581
21)	B Endrin ke...	6.938	7.648	16647696	3503223	1.184m	1.124m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 09 Jul 2019 10:07
Operator : SM\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

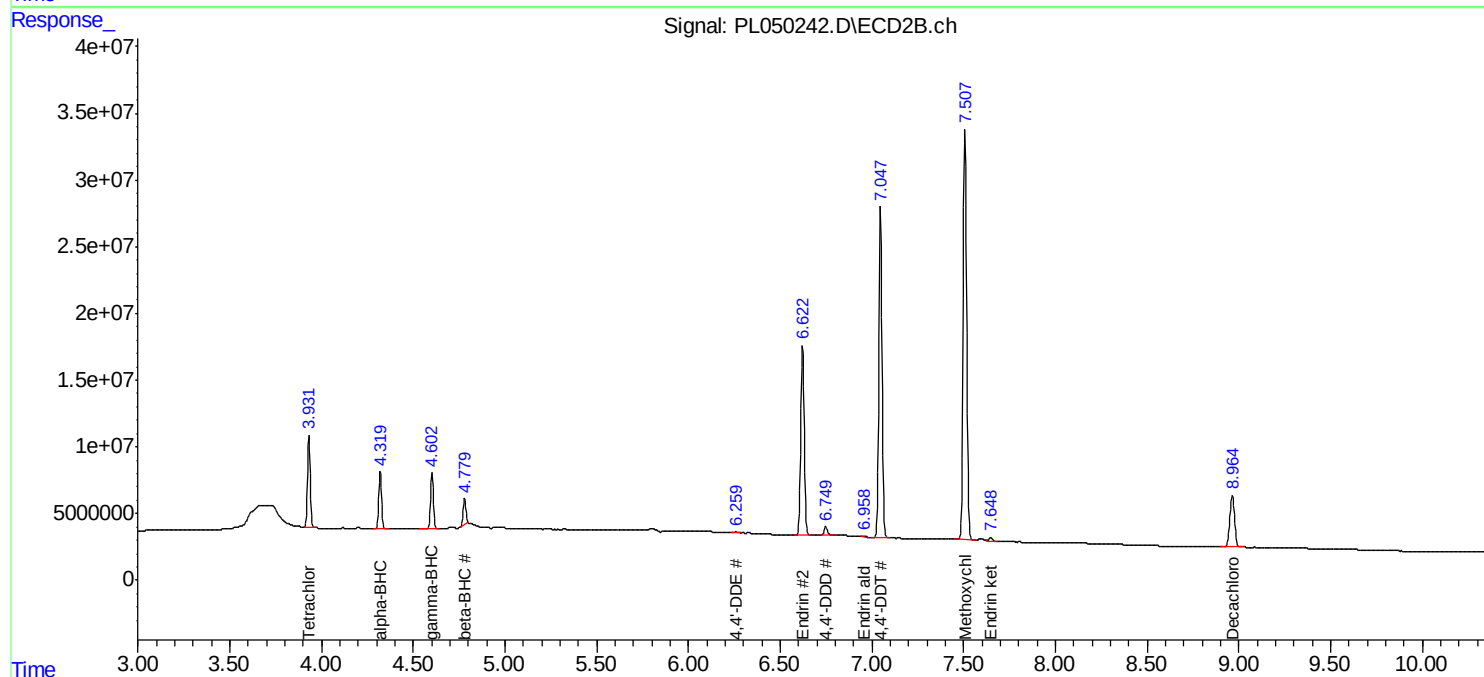
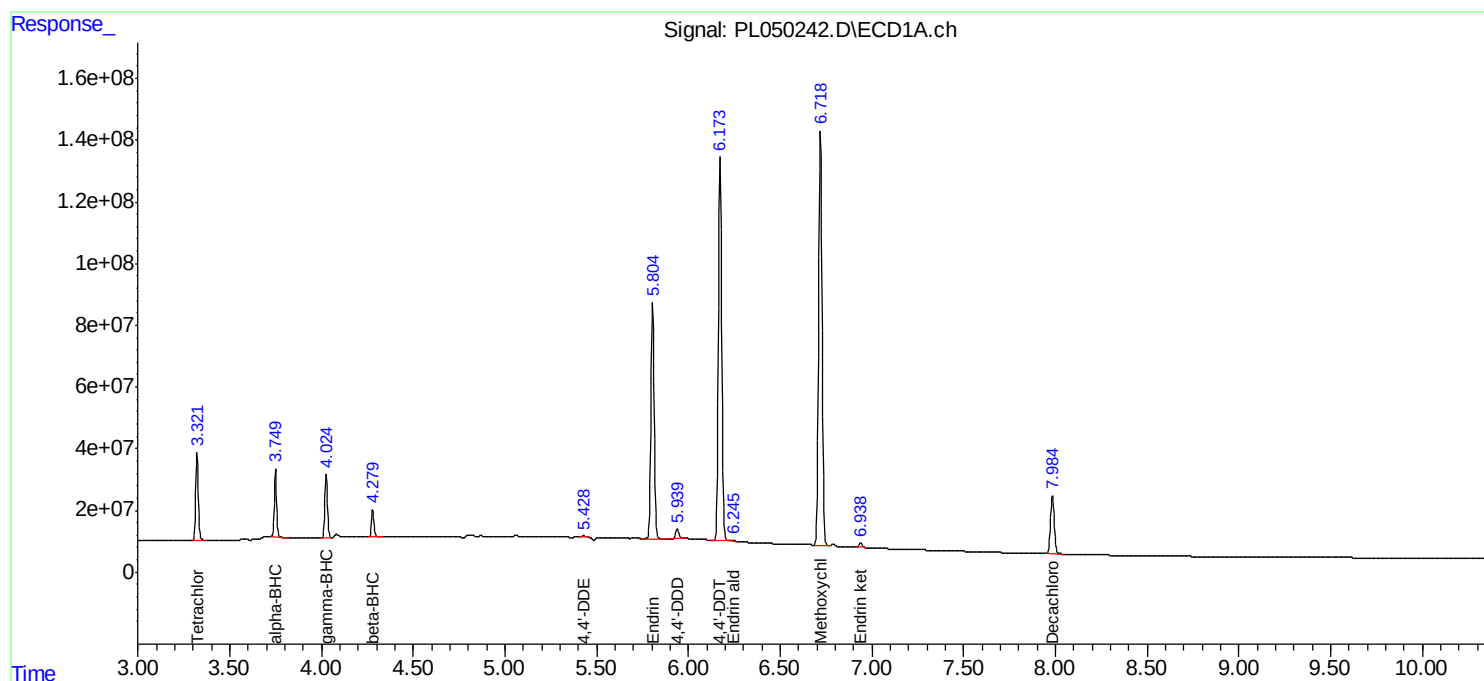
Instrument :
ECD_L
ClientSampled :
PEM

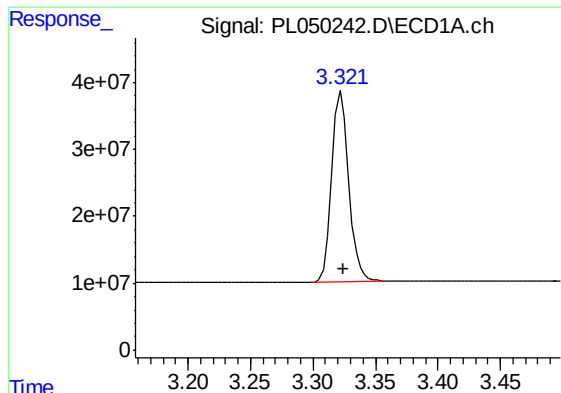
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 00:53:49 2019
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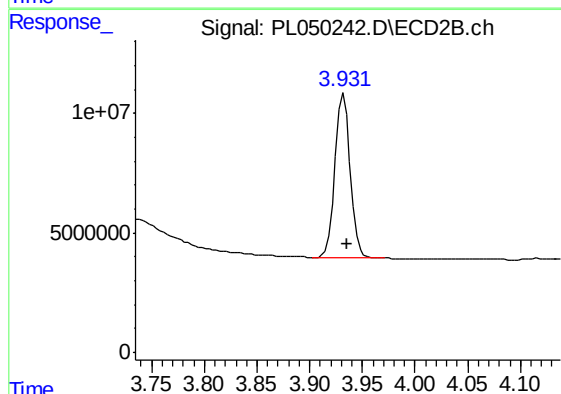
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: -0.001 min
Response: 269355965
Conc: 23.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

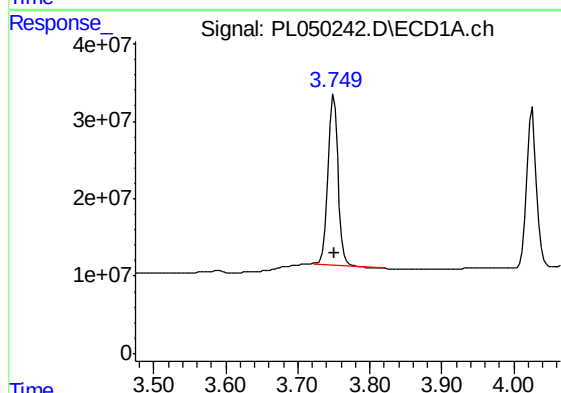
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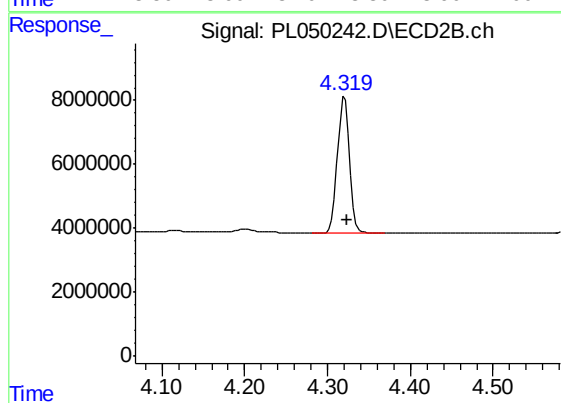
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.003 min
Response: 68763916
Conc: 22.46 ng/ml



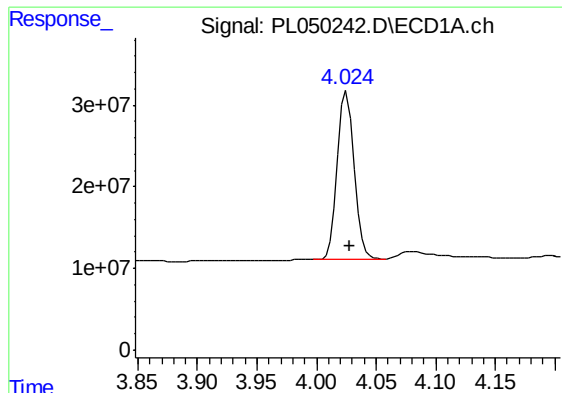
#2 alpha-BHC

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 210515294
Conc: 11.21 ng/ml



#2 alpha-BHC

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 43708578
Conc: 9.76 ng/ml



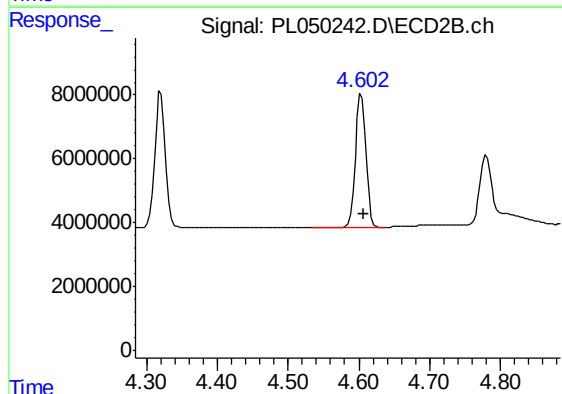
#3 gamma-BHC (Lindane)

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 198890851
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

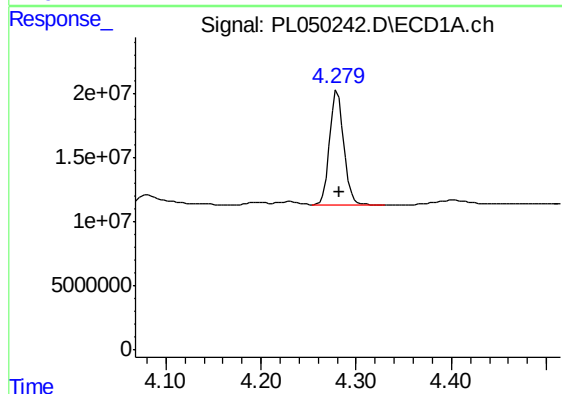
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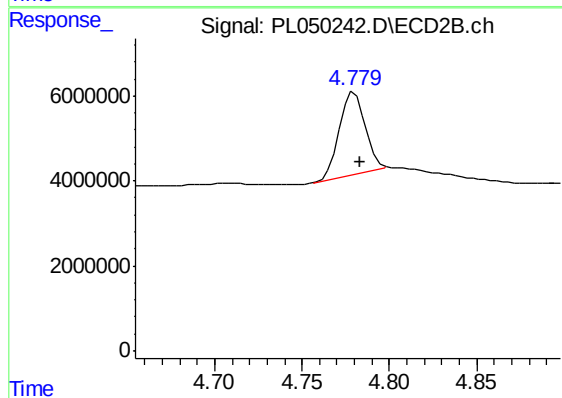
#3 gamma-BHC (Lindane)

R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 43386029
Conc: 10.46 ng/ml



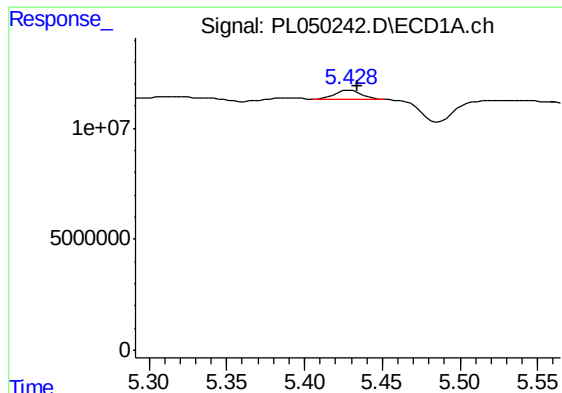
#6 beta-BHC

R.T.: 4.280 min
Delta R.T.: -0.002 min
Response: 91400054
Conc: 12.50 ng/ml



#6 beta-BHC

R.T.: 4.779 min
Delta R.T.: -0.005 min
Response: 20376662
Conc: 10.52 ng/ml m



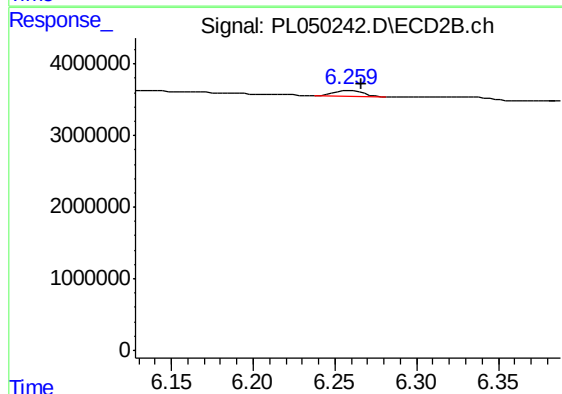
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 4517354
Conc: 0.27 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

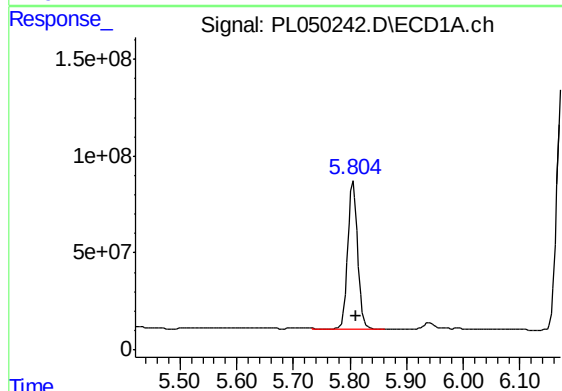
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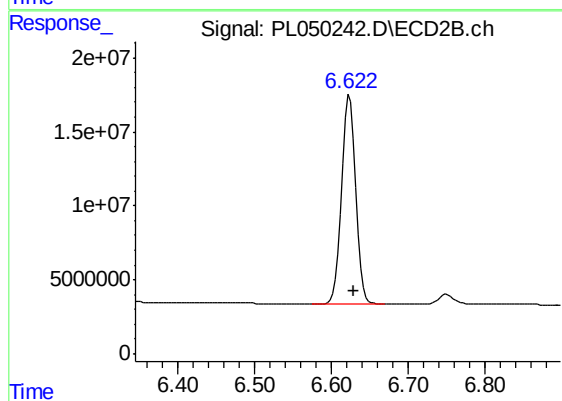
#12 4,4'-DDE

R.T.: 6.259 min
Delta R.T.: -0.007 min
Response: 919207
Conc: 0.26 ng/ml m



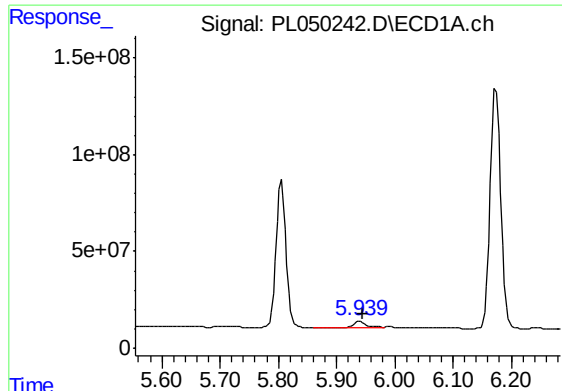
#14 Endrin

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 910905015
Conc: 56.88 ng/ml



#14 Endrin

R.T.: 6.623 min
Delta R.T.: -0.006 min
Response: 179545793
Conc: 56.87 ng/ml



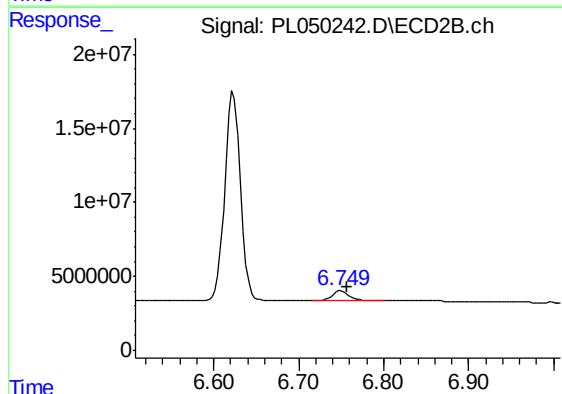
#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 43069588
Conc: 3.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

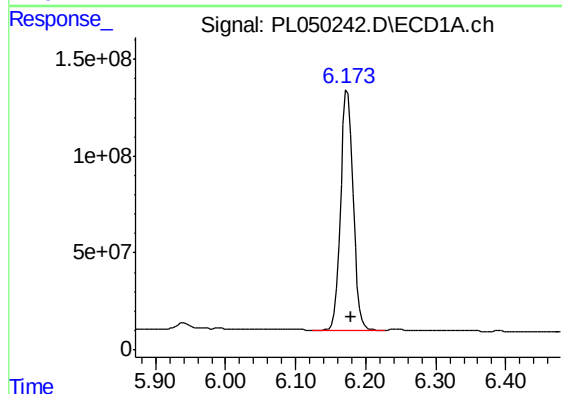
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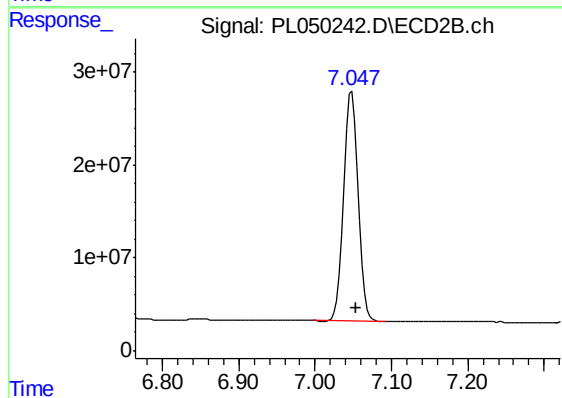
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 8456718
Conc: 3.23 ng/ml



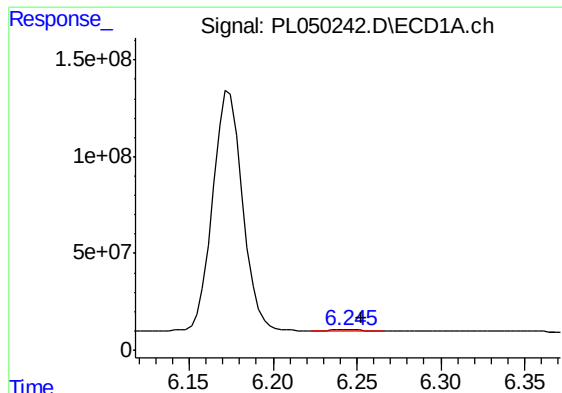
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.006 min
Response: 1527246532
Conc: 115.04 ng/ml



#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.006 min
Response: 325418639
Conc: 111.11 ng/ml



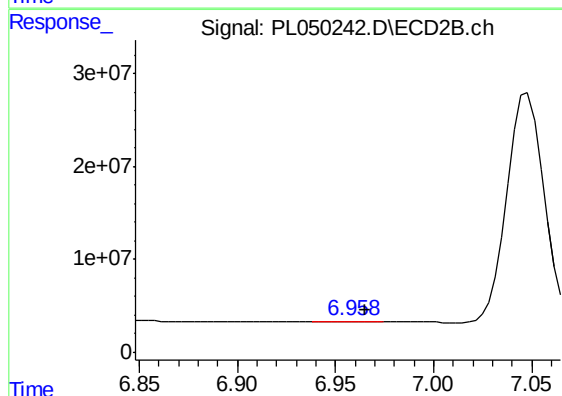
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 5532145
Conc: 0.47 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

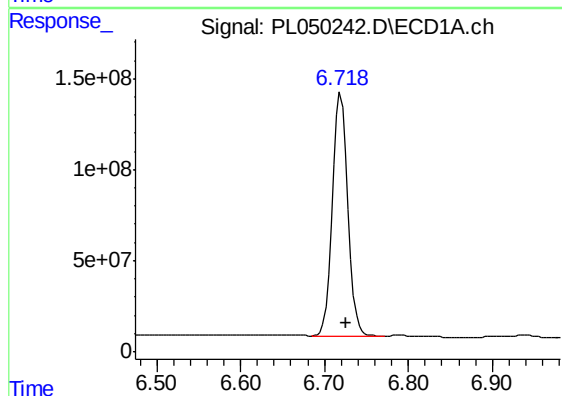
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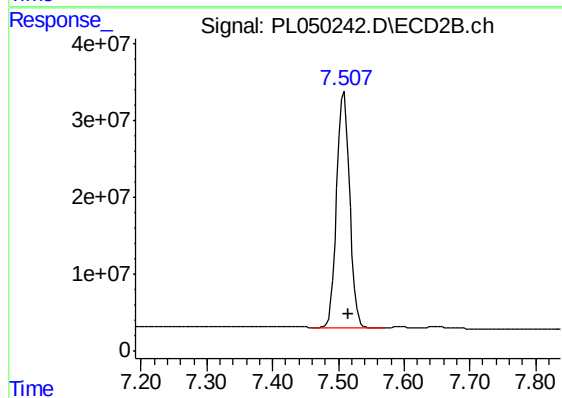
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.007 min
Response: 901214
Conc: 0.33 ng/ml m



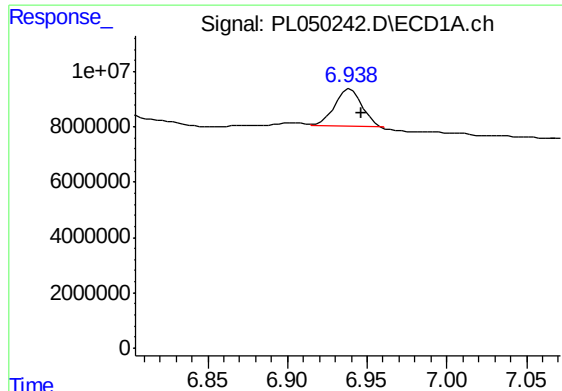
#20 Methoxychlor

R.T.: 6.720 min
Delta R.T.: -0.005 min
Response: 1701456589
Conc: 261.03 ng/ml



#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 420995655
Conc: 252.58 ng/ml



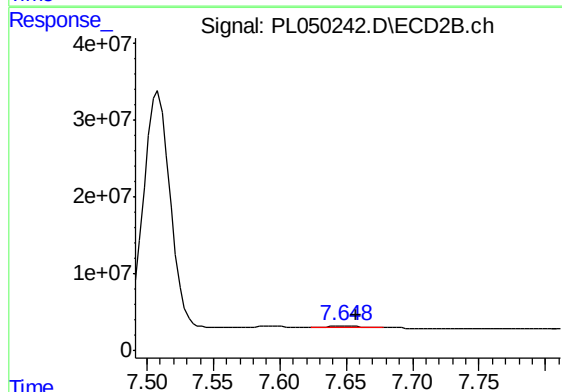
#21 Endrin ketone

R.T.: 6.938 min
Delta R.T.: -0.008 min
Response: 16647696
Conc: 1.18 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

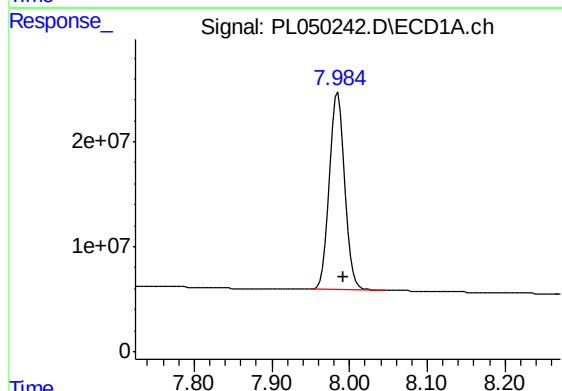
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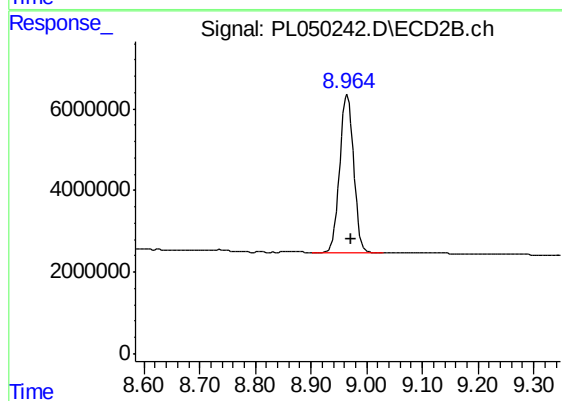
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.009 min
Response: 3503223
Conc: 1.12 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 261228062
Conc: 20.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.008 min
Response: 67534194
Conc: 20.12 ng/ml